

Product datasheet for **RC213556L3V**

TIAM2 (NM_001010927) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TIAM2 (NM_001010927) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TIAM2
Synonyms:	STEF; TIAM-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001010927
ORF Size:	1878 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213556).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001010927.2 , NP_001010927.1
RefSeq Size:	2668 bp
RefSeq ORF:	1881 bp
Locus ID:	26230
UniProt ID:	Q8IVF5
Cytogenetics:	6q25.2-q25.3
Protein Families:	Druggable Genome
Protein Pathways:	Chemokine signaling pathway, Regulation of actin cytoskeleton



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MW: 70.6 kDa

Gene Summary: This gene encodes a guanine nucleotide exchange factor. A highly similar mouse protein specifically activates ras-related C3 botulinum substrate 1, converting this Rho-like guanosine triphosphatase (GTPase) from a guanosine diphosphate-bound inactive state to a guanosine triphosphate-bound active state. The encoded protein may play a role in neural cell development. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]